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DATASHEET

Rosiglitazone

Product overview

Name	Rosiglitazone
Cat No	HB2556
Alternative names	BRL 49653
Biological action	Agonist
Purity	>99%
Description	Potent and selective PPAR γ agonist. Promotes adipocyte differentiation and enhances NPC proliferation.

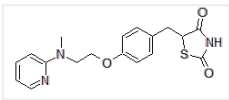
Biological Data

Biological description	Potent and selective PPAR γ agonist. Potent insulin sensitizing agent which binds PPAR receptors to fat cells and making the cells more responsive to insulin. Ameliorates insulin resistance and shows antidiabetic, hypoglycemic and anti-inflammatory action. Also promotes mesenchymal stem cells (MSCs) adipocyte differentiation and enhances endogenous neural progenitor cells (NPCs) proliferation.
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Solubility & Handling

Storage instructions	+4 °C
Solubility overview	Soluble in 0.1M HCl (100 mM), and in DMSO (100 mM)
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Chemical name	5-[[4-[2-(Methyl-2-pyridinylamino)ethoxy]phenyl]methyl]-2,4-thiazolidinedione
Molecular Weight	357.43
Chemical structure	
Molecular Formula	C ₁₈ H ₁₉ N ₃ O ₃ S
CAS Number	122320-73-4
PubChem identifier	77999
SMILES	CN(CCOC1=CC=C(C=C1)CC2C(=O)NC(=O)S2)C3=CC=CC=N3
InChi	InChI=1S/C18H19N3O3S/c1-21(16-4-2-3-9-19-16)10-11-24-14-7-5-13(6-8-14)12-15-17(22)20-18(23)25-15/h2-9,15H,10-12H2,1H3,(H,20,22,23)
InChiKey	YASAKCUCGLMORW-UHFFFAOYSA-N
MDL number	MFCD00871760
Appearance	White to off-white powder